

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023074.D
 Acq On : 01 Jul 2021 08:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Quant Time: Jul 01 08:46:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	65752	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	131647	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53130	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	62812	52.639	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.280%	
35) Dibromofluoromethane	5.397	113	43191	51.664	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.320%	
50) Toluene-d8	8.653	98	164096	50.084	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	11.085	95	63416	51.862	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.720%	

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Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.172	85	46940	50.599	ug/l	96
3) Chloromethane	1.294	50	51572	50.626	ug/l	98
4) Vinyl Chloride	1.374	62	49119	52.254	ug/l	100
5) Bromomethane	1.599	94	22357	43.173	ug/l	99
6) Chloroethane	1.678	64	30567	52.616	ug/l	99
7) Trichlorofluoromethane	1.886	101	72937	53.413	ug/l	99
8) Diethyl Ether	2.142	74	27751	52.651	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.331	101	44839	52.445	ug/l	89
10) Methyl Iodide	2.453	142	47412	46.419	ug/l	92
11) Tert butyl alcohol	2.977	59	65462	263.225	ug/l	100
12) 1,1-Dichloroethene	2.319	96	45124	52.899	ug/l	83
13) Acrolein	2.239	56	36678	237.131	ug/l	97
14) Allyl chloride	2.666	41	84238	51.979	ug/l	93
15) Acrylonitrile	3.075	53	164148	288.734	ug/l	99
16) Acetone	2.392	43	146352	276.655	ug/l	94
17) Carbon Disulfide	2.514	76	99530	43.327	ug/l	99
18) Methyl Acetate	2.709	43	77382	59.439	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	174876	57.168	ug/l	97
20) Methylene Chloride	2.794	84	54017	51.473	ug/l	# 80
21) trans-1,2-Dichloroethene	3.093	96	48271	51.010	ug/l	92
22) Diisopropyl ether	3.770	45	188441	55.901	ug/l	# 93
23) Vinyl Acetate	3.733	43	835855	295.580	ug/l	# 93
24) 1,1-Dichloroethane	3.617	63	99036	54.991	ug/l	98
25) 2-Butanone	4.568	43	233383	283.702	ug/l	92
26) 2,2-Dichloropropane	4.483	77	42628	31.192	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	57244	54.504	ug/l	95
28) Bromochloromethane	4.904	49	45979	54.192	ug/l	# 75
29) Tetrahydrofuran	5.019	42	149935	283.358	ug/l	87
30) Chloroform	5.105	83	98256	54.240	ug/l	96
31) Cyclohexane	5.483	56	87403	51.882	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	81364	55.903	ug/l	96
36) 1,1-Dichloropropene	5.702	75	71836	51.373	ug/l	96
37) Ethyl Acetate	4.727	43	90758	56.032	ug/l	# 92
38) Carbon Tetrachloride	5.684	117	63233	53.915	ug/l	96
39) Methylcyclohexane	7.385	83	80323	49.244	ug/l	94
40) Benzene	6.044	78	214753	53.261	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	48895	54.795	ug/l	91
42) 1,2-Dichloroethane	6.092	62	83617	56.365	ug/l	94
43) Isopropyl Acetate	6.348	43	149866	57.550	ug/l #	91
44) Trichloroethene	7.135	130	47719	49.905	ug/l	88
45) 1,2-Dichloropropane	7.440	63	56903	54.715	ug/l	96
46) Dibromomethane	7.586	93	36470	52.857	ug/l #	83
47) Bromodichloromethane	7.830	83	69507	49.602	ug/l	98
48) Methyl methacrylate	7.702	41	68837	57.116	ug/l	86
49) 1,4-Dioxane	7.665	88	24322	937.480	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	469599	289.747	ug/l	89
52) Toluene	8.720	92	126610	51.944	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	72967	44.418	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	80885	45.942	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	53030	54.227	ug/l	98
56) Ethyl methacrylate	9.122	69	90582	50.156	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	93804	52.768	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.250	63	237635	264.529	ug/l	94
59) 2-Hexanone	9.433	43	354974	288.700	ug/l	85
60) Dibromochloromethane	9.525	129	44950	47.151	ug/l	99
61) 1,2-Dibromoethane	9.616	107	54026	54.396	ug/l	98
64) Tetrachloroethene	9.275	164	42364	49.301	ug/l #	86
65) Chlorobenzene	10.086	112	129678	50.359	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	45525	54.705	ug/l	98
67) Ethyl Benzene	10.195	91	249643	52.648	ug/l	98
68) m/p-Xylenes	10.305	106	180420	102.458	ug/l	92
69) o-Xylene	10.646	106	88817	51.823	ug/l	93
70) Styrene	10.659	104	151395	53.221	ug/l	95
71) Bromoform	10.805	173	25902	43.952	ug/l #	99
73) Isopropylbenzene	10.963	105	237520	52.834	ug/l	98
74) N-amyl acetate	10.848	43	133294	52.426	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.213	83	81872	53.024	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	75502m	53.801	ug/l	
77) Bromobenzene	11.201	156	47898	51.237	ug/l	79
78) n-propylbenzene	11.305	91	287448	52.844	ug/l	96
79) 2-Chlorotoluene	11.366	91	171541	52.232	ug/l	96
80) 1,3,5-Trimethylbenzene	11.457	105	198864	53.872	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.024	75	20142	40.231	ug/l #	83
82) 4-Chlorotoluene	11.457	91	198042	52.179	ug/l	93
83) tert-Butylbenzene	11.719	119	179015	51.351	ug/l	86
84) 1,2,4-Trimethylbenzene	11.756	105	199151	53.602	ug/l	96
85) sec-Butylbenzene	11.896	105	249927	53.161	ug/l	97
86) p-Isopropyltoluene	12.012	119	196717	52.656	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	91557	50.764	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	92956	49.290	ug/l	95
89) n-Butylbenzene	12.335	91	195616	55.071	ug/l	96
90) Hexachloroethane	12.542	117	30198	44.171	ug/l	68
91) 1,2-Dichlorobenzene	12.341	146	91513	51.987	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19894	54.191	ug/l	63
93) 1,2,4-Trichlorobenzene	13.591	180	51301	52.546	ug/l	96
94) Hexachlorobutadiene	13.731	225	19054	49.807	ug/l	98
95) Naphthalene	13.780	128	219410	50.636	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	52724	53.615	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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